



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Friday, June 21, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today and Saturday

- Strong to severe storms possible from **W OK** through **W TX** this afternoon and evening; damaging winds and hail are the main threats.
- Enhanced risk of severe storms over the **ETX** Panhandle into **W & N OK** Saturday afternoon/evening; damaging winds are the main threat, an isolated tornado possible. Isolated heavy rain also possible across this area.
- Critical fire weather conditions across **NM** today and tomorrow.

Sunday

- Slight risk of severe storms across **OK, W AR** and **NTX**; storms will be ongoing in the morning and likely continue throughout the day. Damaging winds, large hail, and an isolated tornado all possible.
- Heavy rainfall/flooding possible across **E OK, NTX** and **W AR**.

Monday - Tuesday

- Heavy rain possible into Monday over **AR, ETX** and **N LA**; no significant weather Tuesday.

Major River Flooding or Known Evacuations

- The Mississippi River at Baton Rouge will continue in major flood for the next several weeks.

Tropical Weather Outlook

- Tropical cyclone formation is not expected during the next 5 days.

FEMA Region 6 Threat Matrix

June 21, 2019 – Jun 25 , 2019



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| DAY / THREAT | FRI | SAT | SUN | MON | TUE |
|-----------------------------|-----------|-------------------|---------------|---------------|----------|
| Severe Storms | W OK, WTX | ETX Panhandle, OK | OK, NTX, W AR | | |
| Heavy Rain / Flash Flooding | | E Panhandles, OK | OK, NTX, W AR | AR, ETX, N LA | |
| Fire Weather | NM | NM | | | |
| Tropical Weather | | | | | |
| River Flooding | MS River | MS River | MS River | MS River | MS River |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

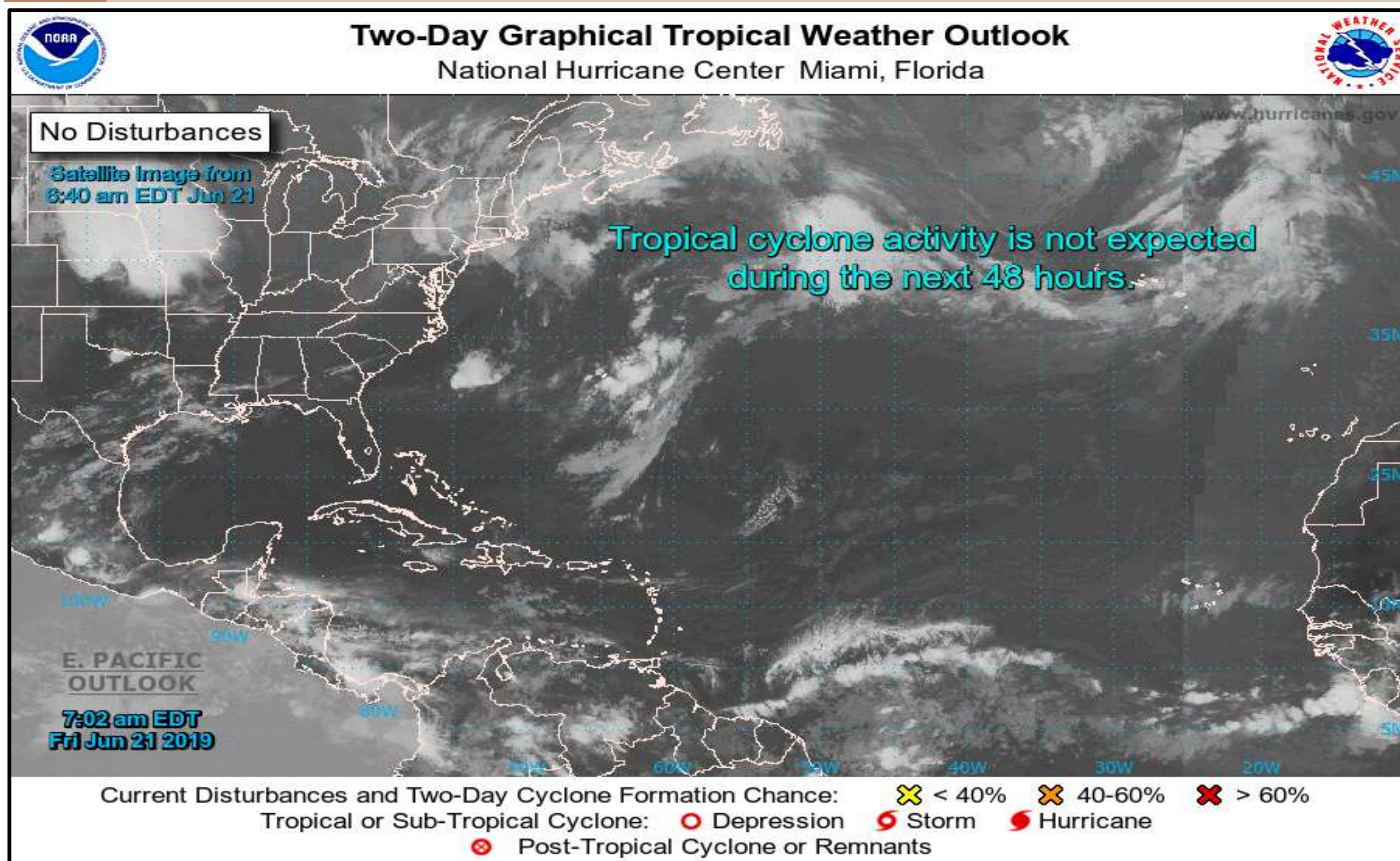
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

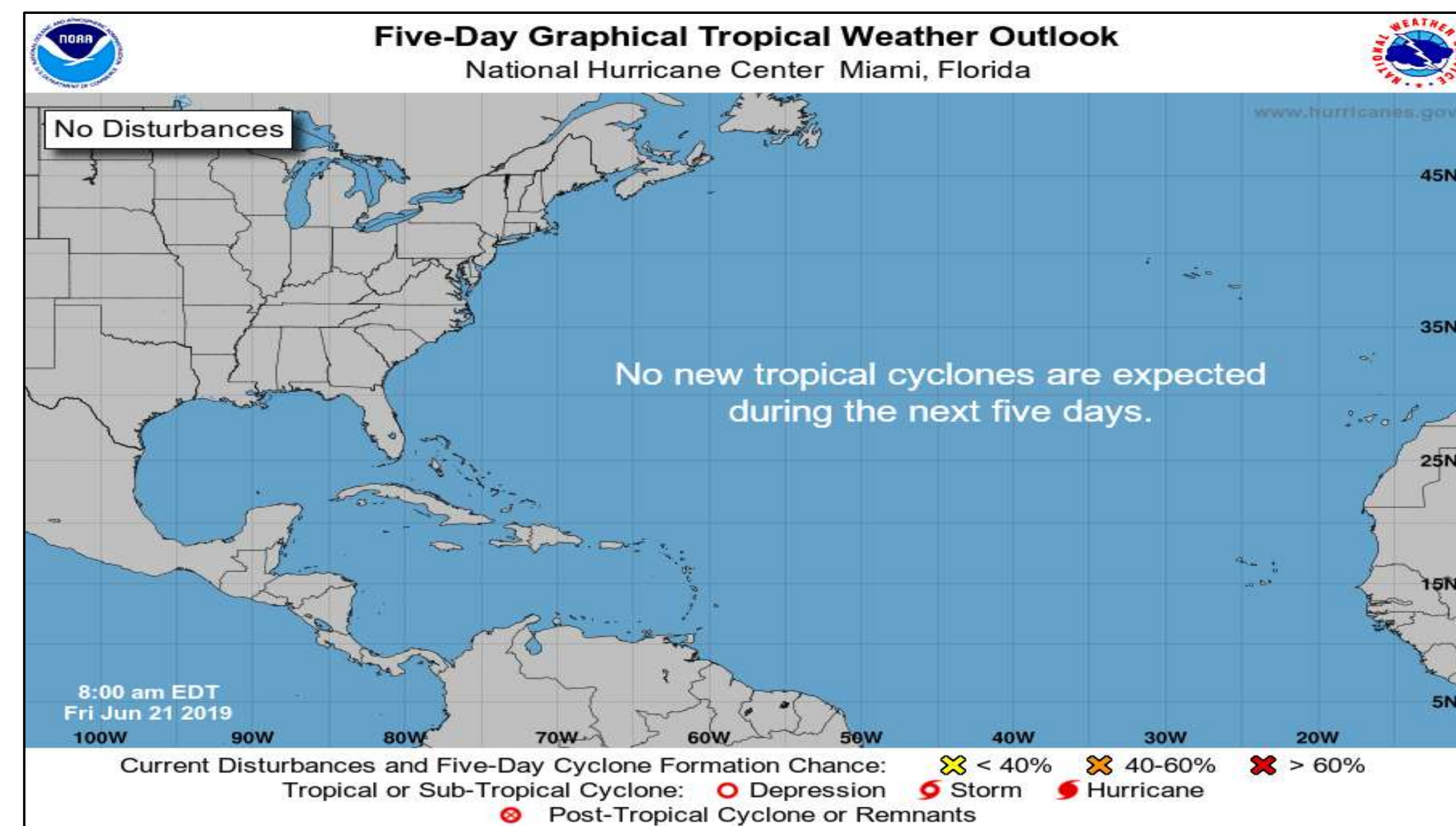
Tropical Weather Outlook – Atlantic/Gulf



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Tropical cyclone formation is not expected during the next 5 days.

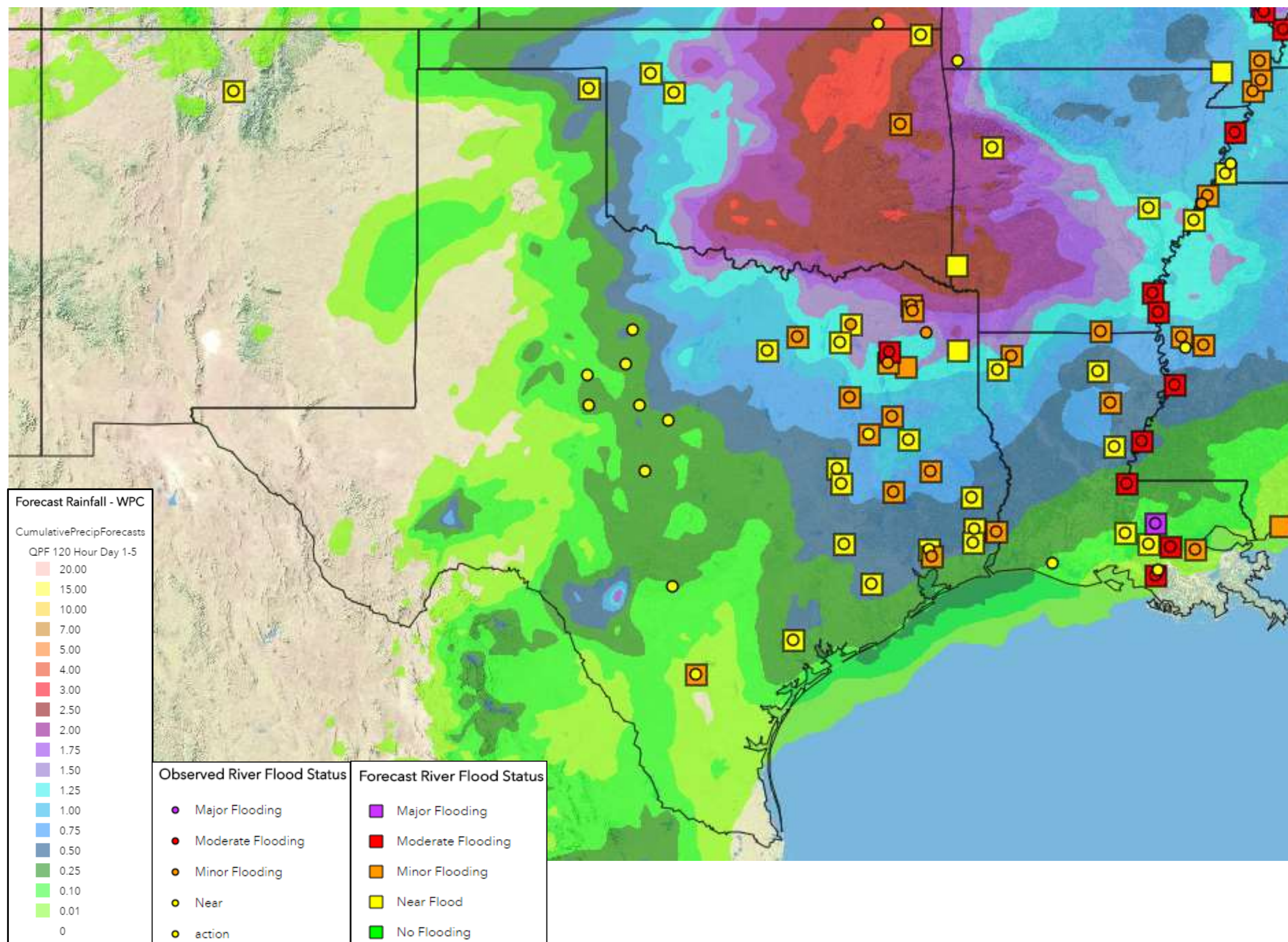


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Latest on the MS River:

- Flows along the Lower Mississippi remain in minor to moderate (with major at Baton Rouge) flood, but most locations have begun to recede.
- The flood waters from the Ohio River Valley will likely have a minimal impact on the Lower MS River. Slight rises are expected at locations just downstream of the confluence, and slowed recessions are possible further downstream.
- Major flooding will continue for several more weeks at Baton Rouge, LA.

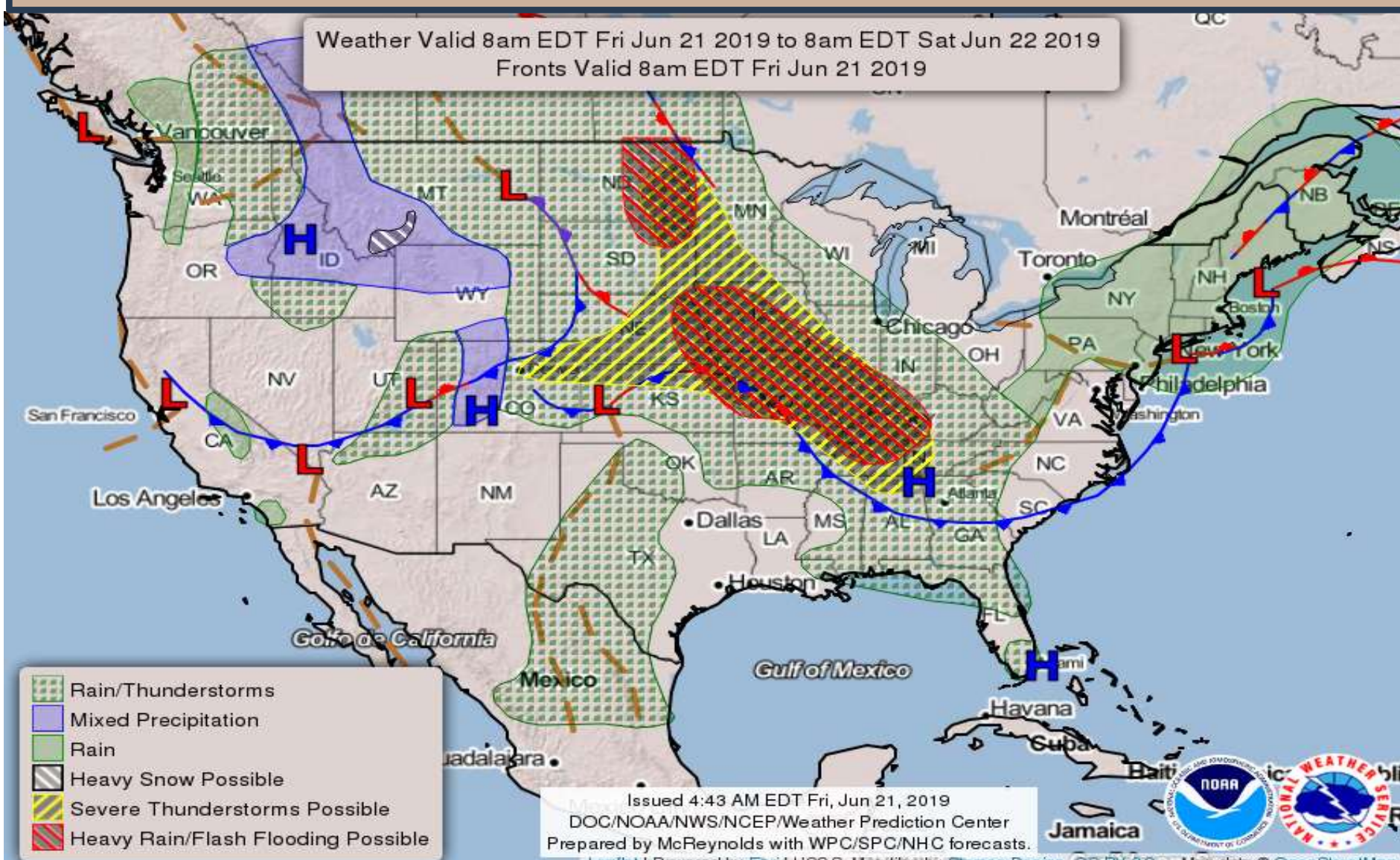
Moderate to isolated heavy rain is possible beginning Saturday over OK and into OK/AR Sunday into Monday. Depending on the location of the heaviest rainfall, some additional river flooding may be possible, but it's difficult to pinpoint exact basins at this time.

Today's Weather



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Forecast Chart

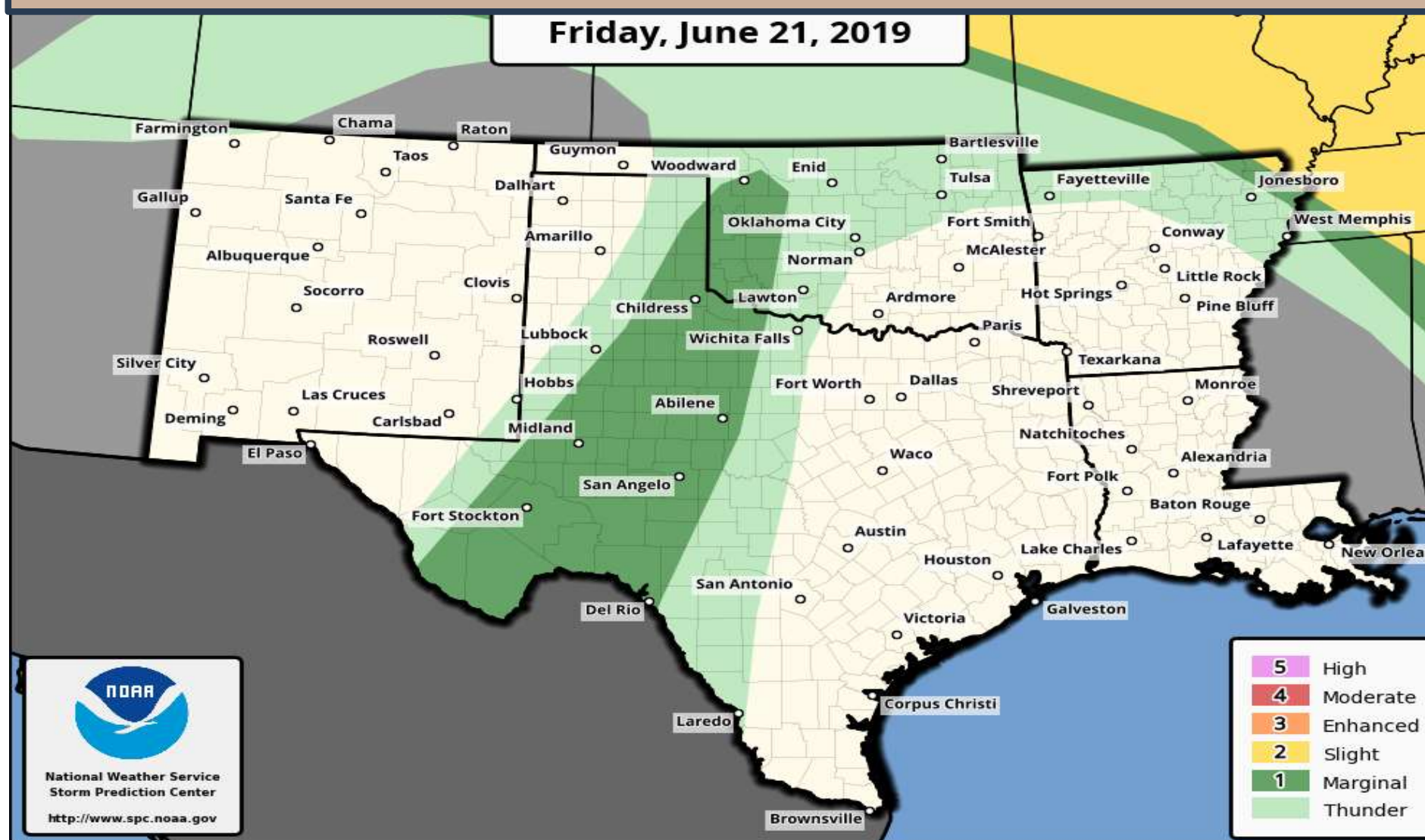


Forecast Rainfall

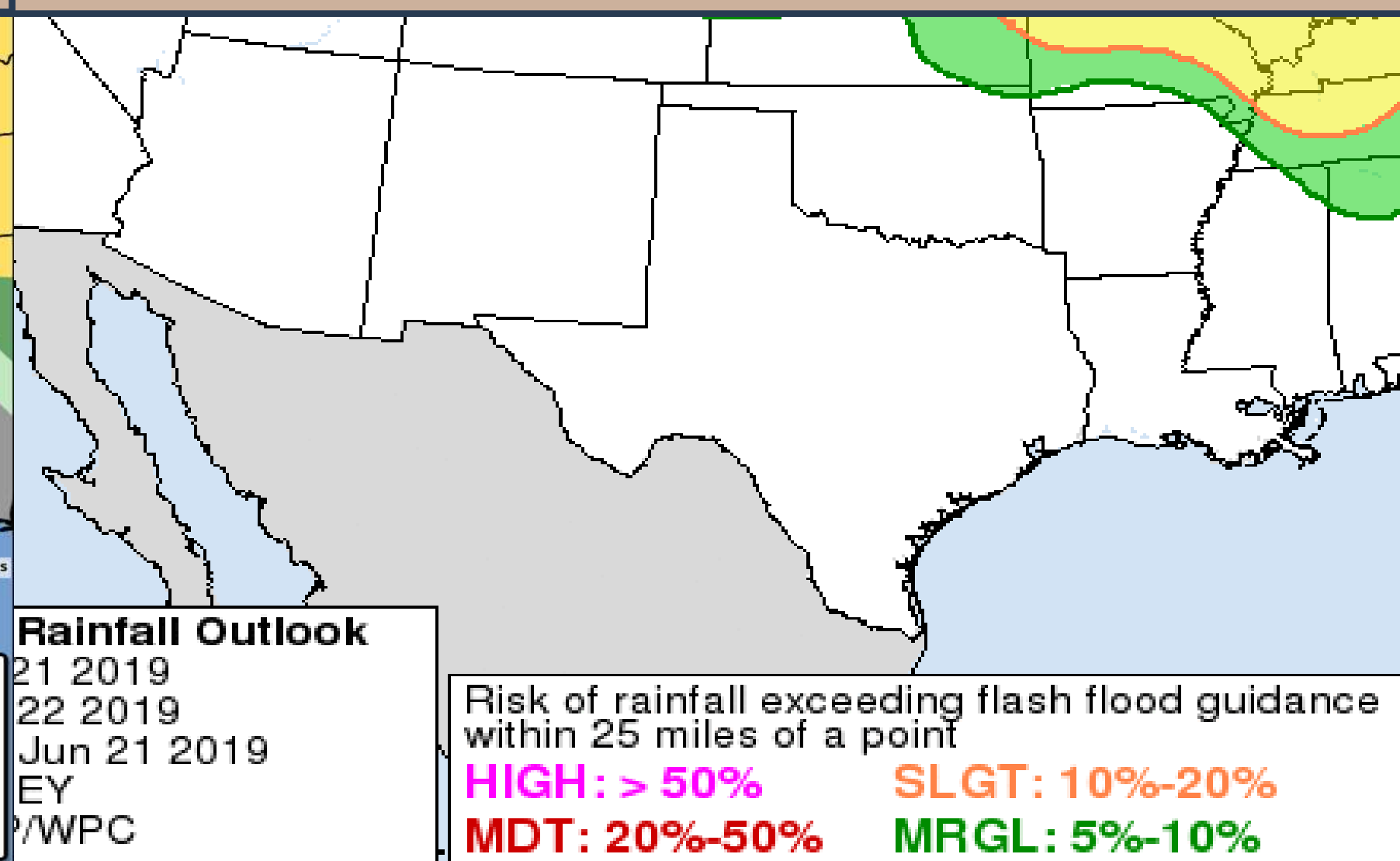


Strong to severe storms possible from W OK through WTX this afternoon and evening; damaging winds and hail are the main threats.

Severe Weather Outlook



Excessive Rainfall Outlook

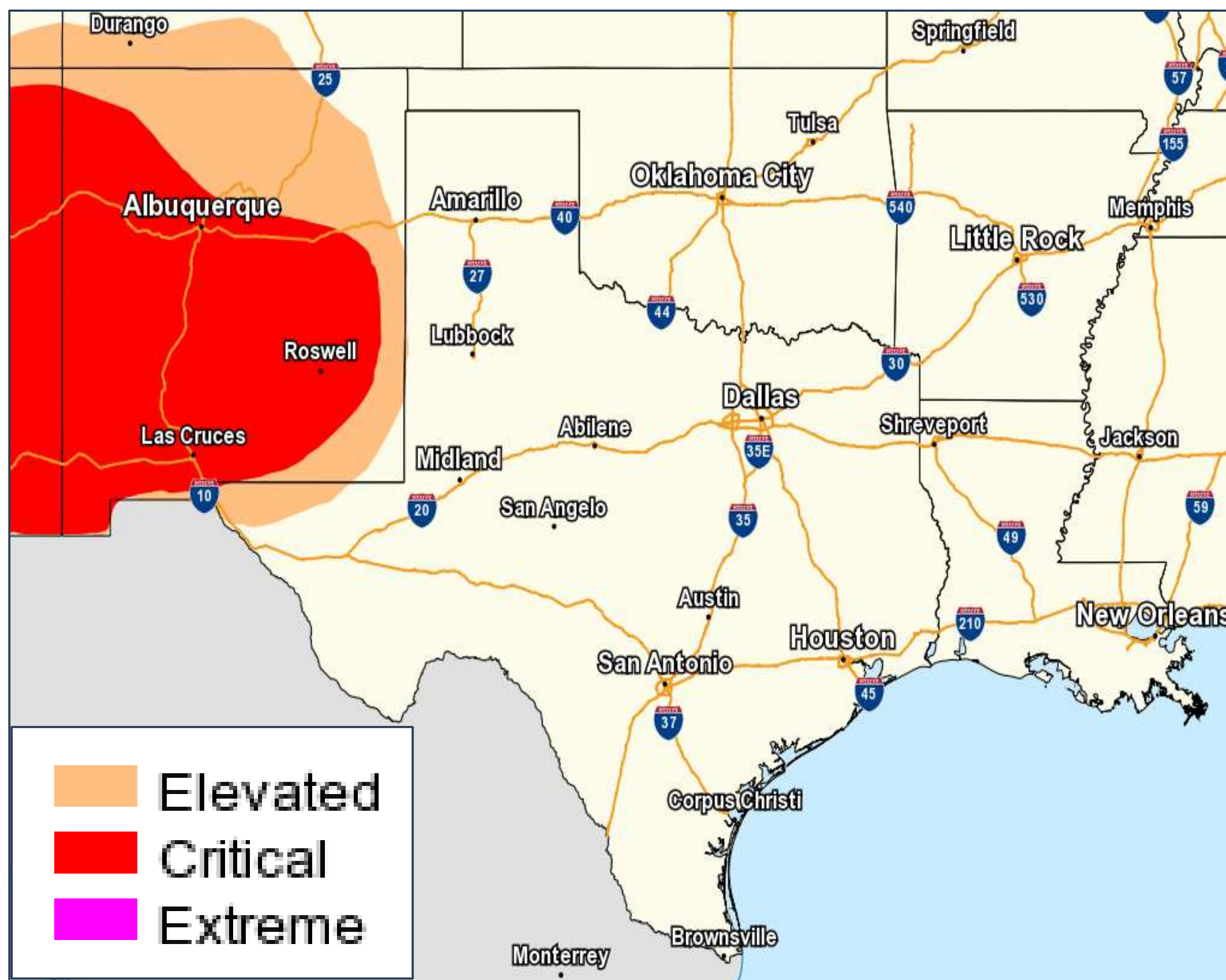


Fire Weather Outlooks

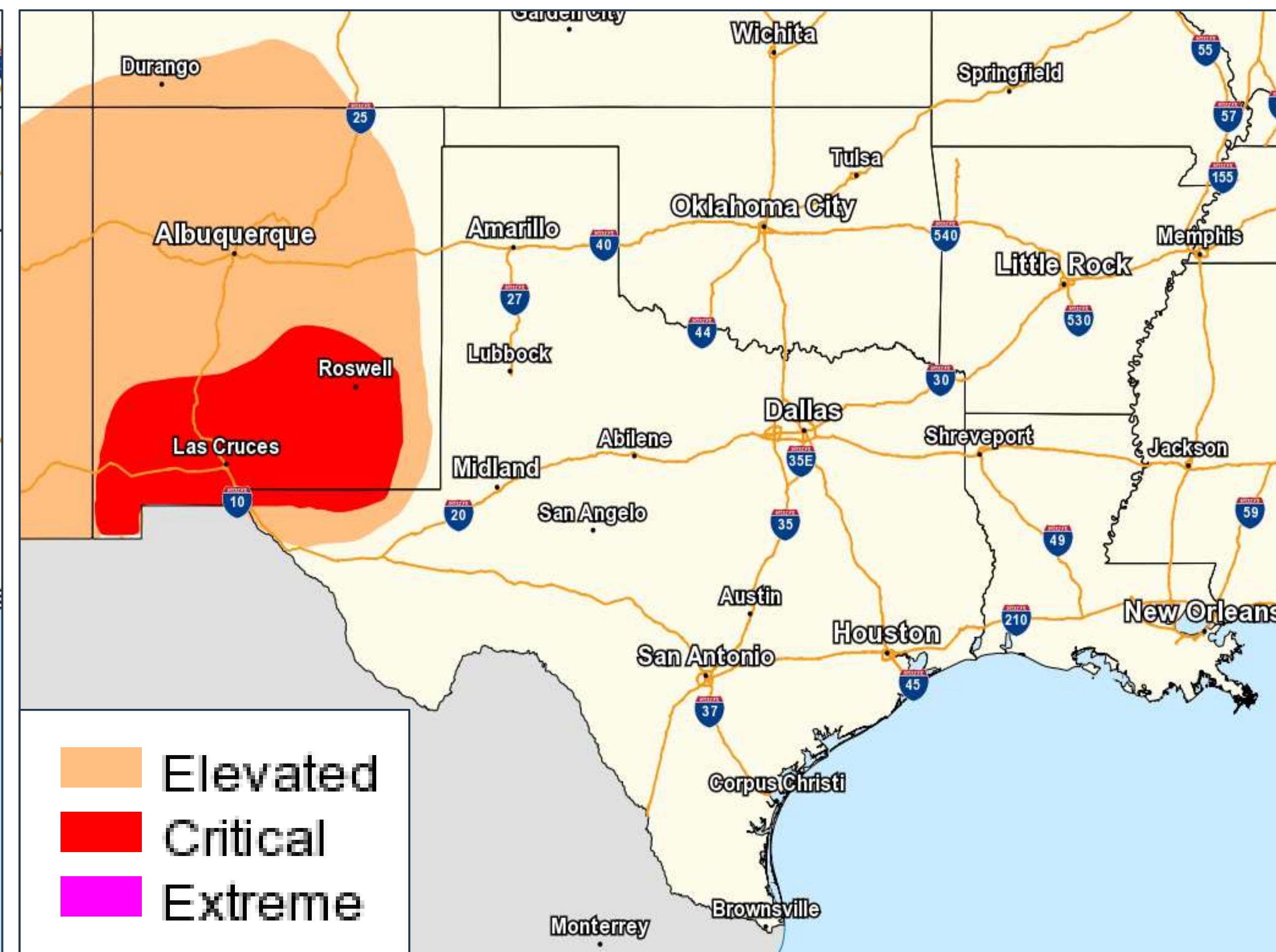


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook

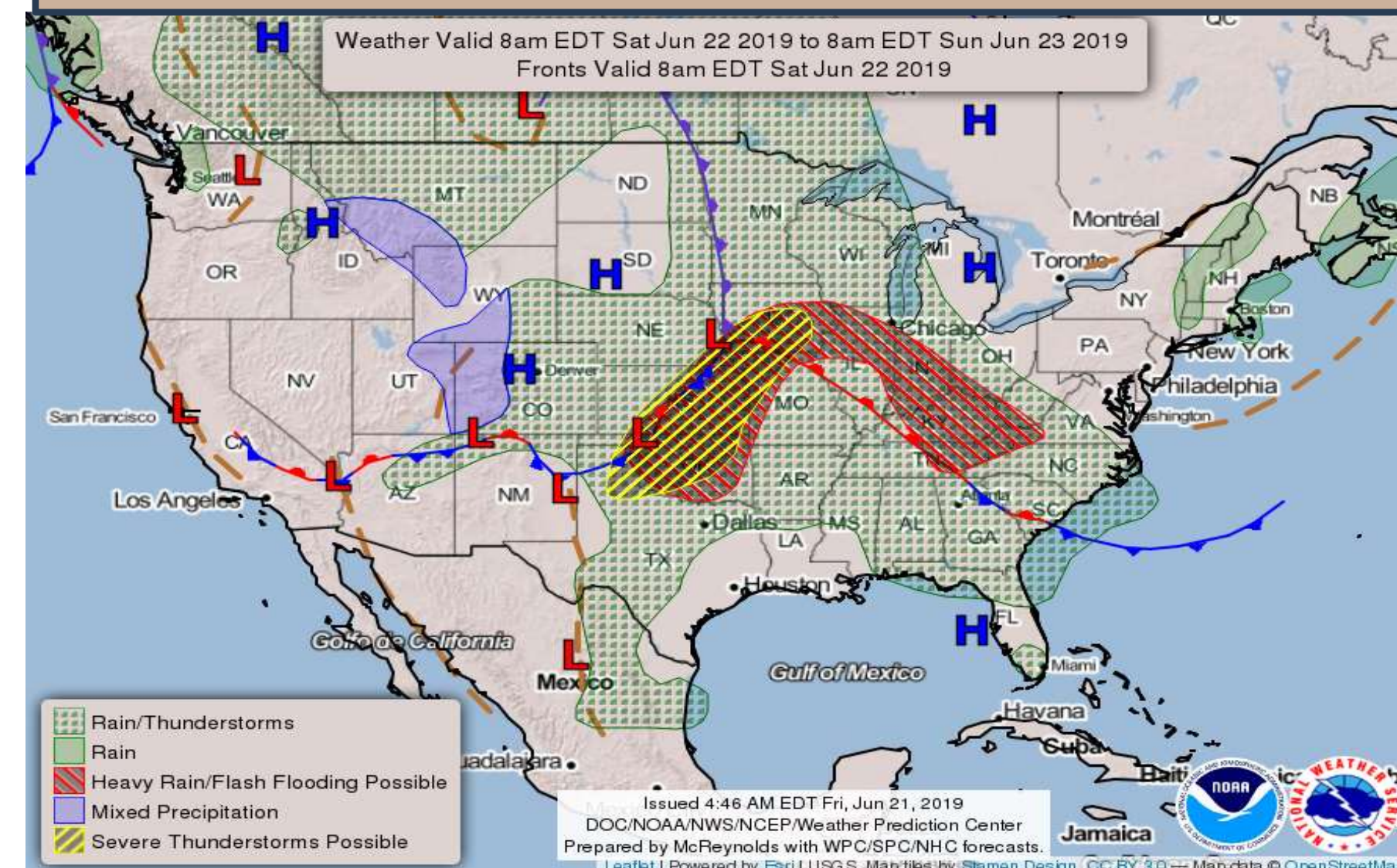


Tomorrow's Weather



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Forecast Chart



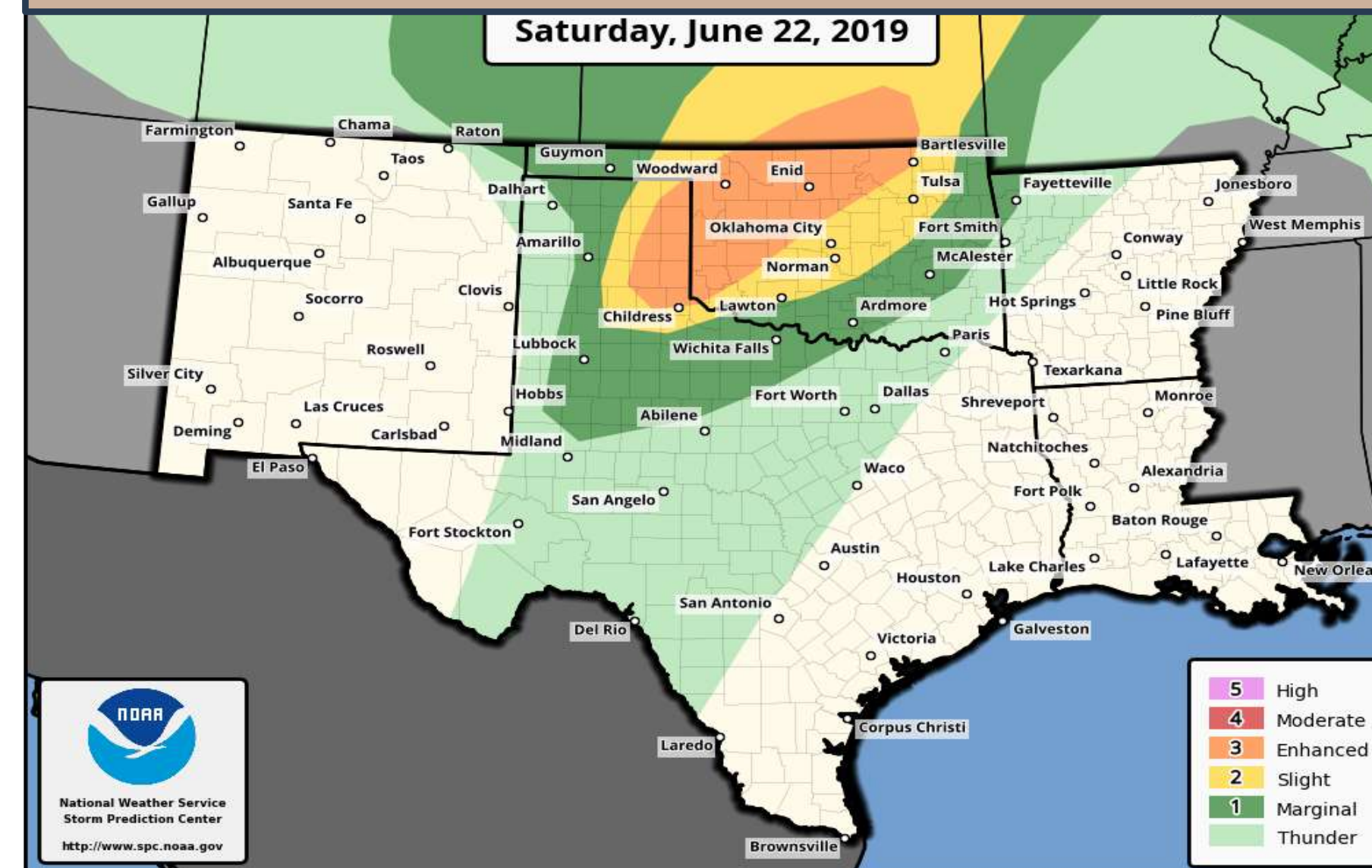
Forecast Rainfall



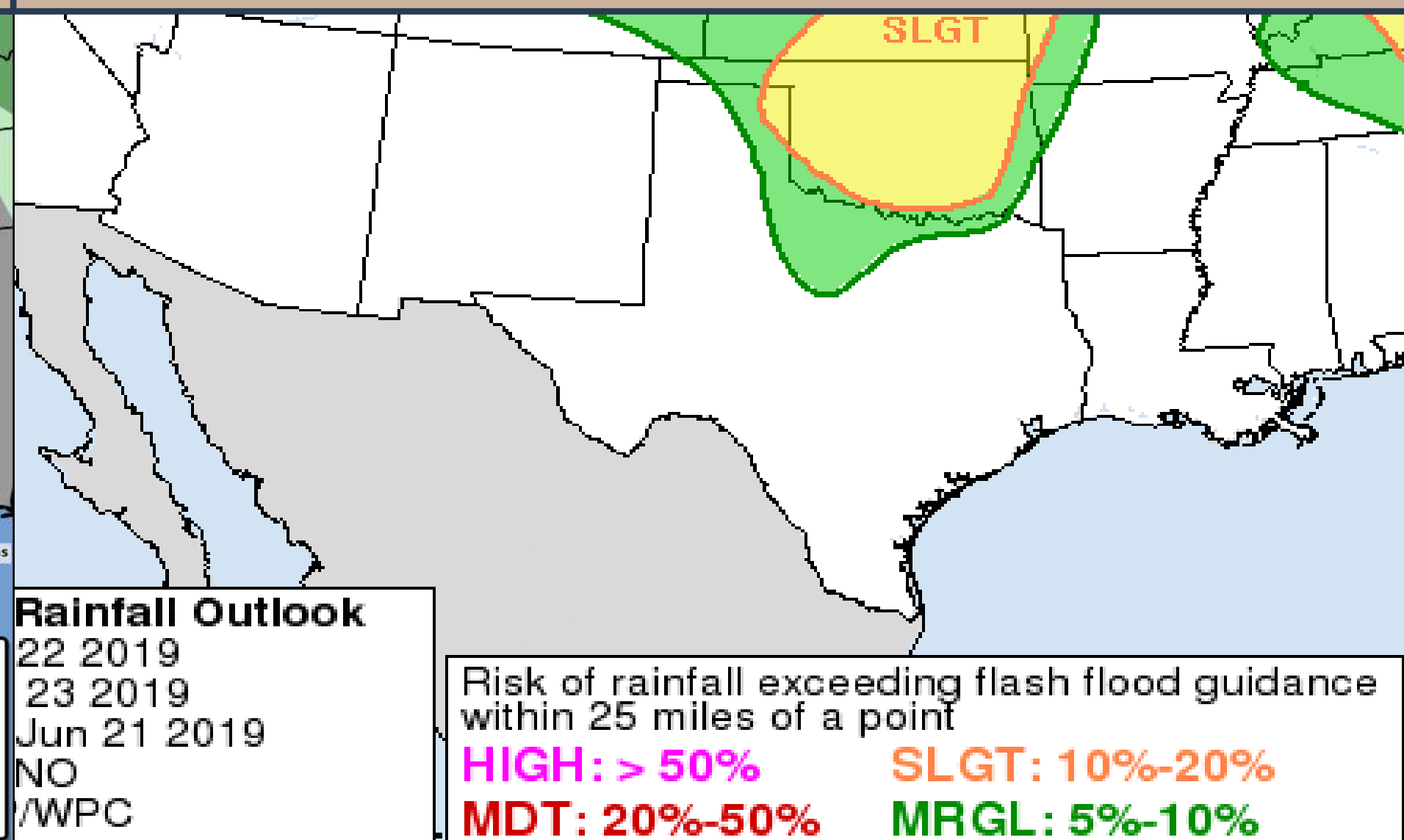
Enhanced risk of severe storms over the ETX Panhandle into W & N OK in the afternoon/evening; damaging winds are the main threat, an isolated tornado possible.

Isolated heavy rainfall/flash flooding possible from the E Panhandles through much of OK.

Severe Weather Outlook

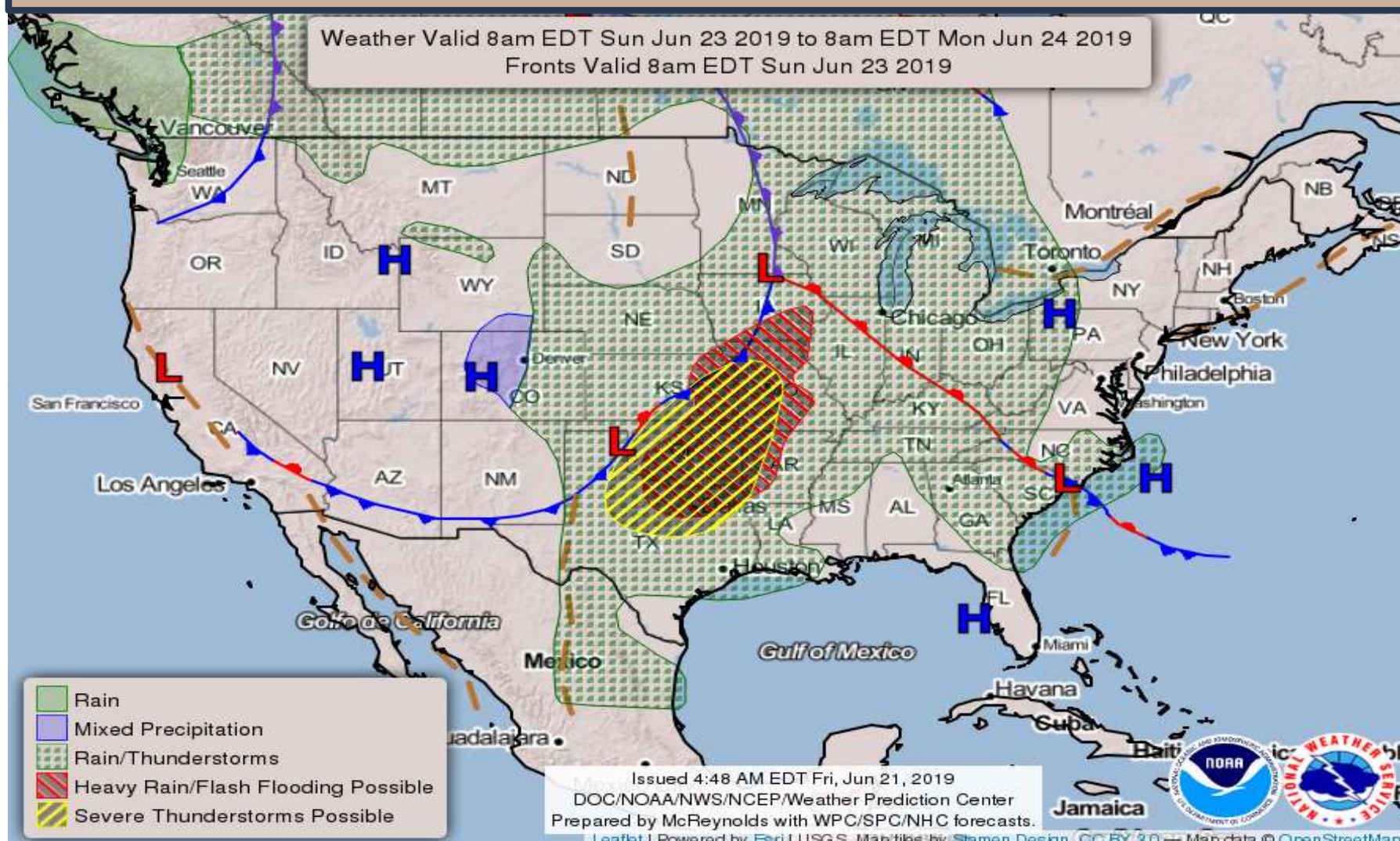


Excessive Rainfall Outlook



Sunday's Weather

Forecast Chart



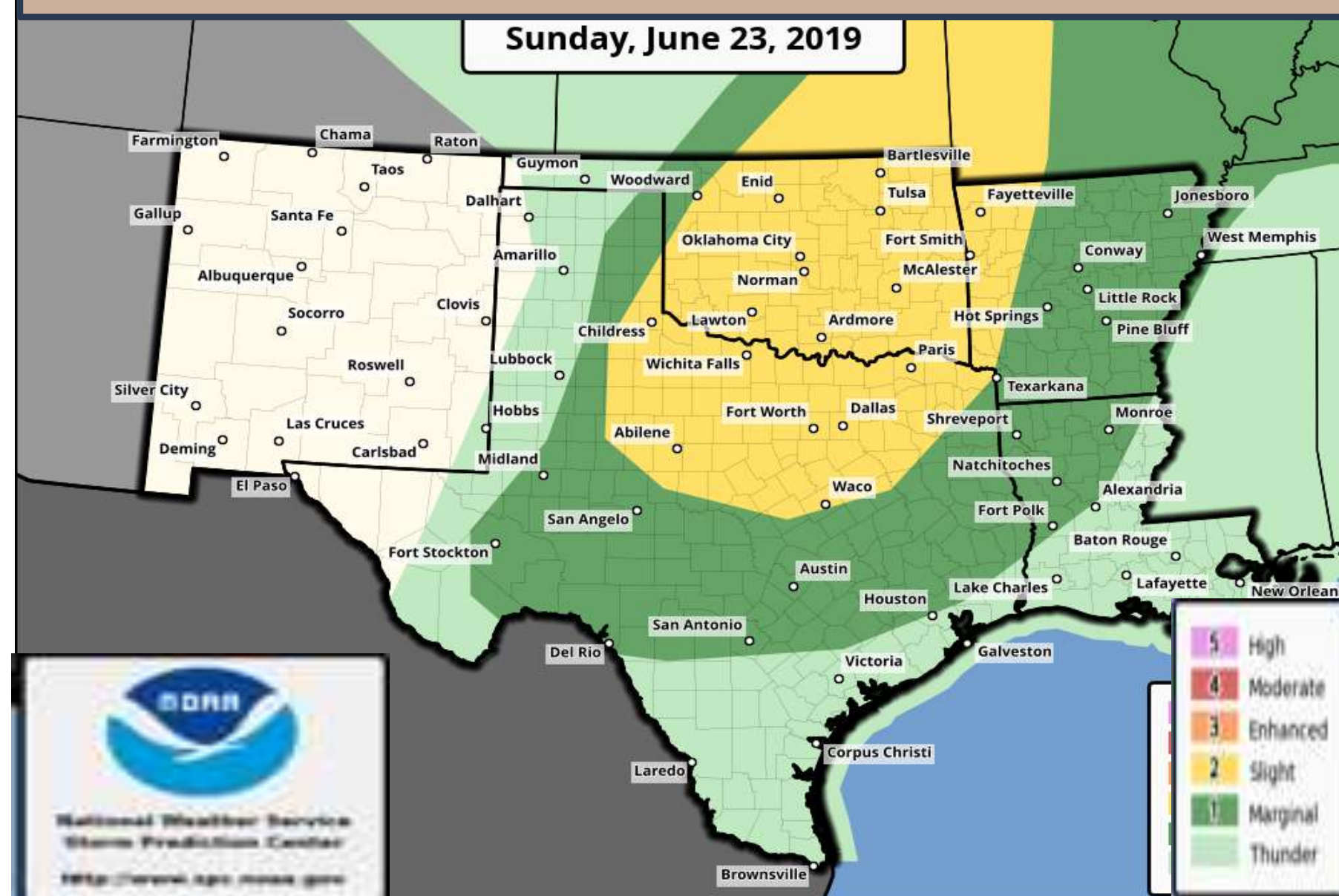
Forecast Rainfall



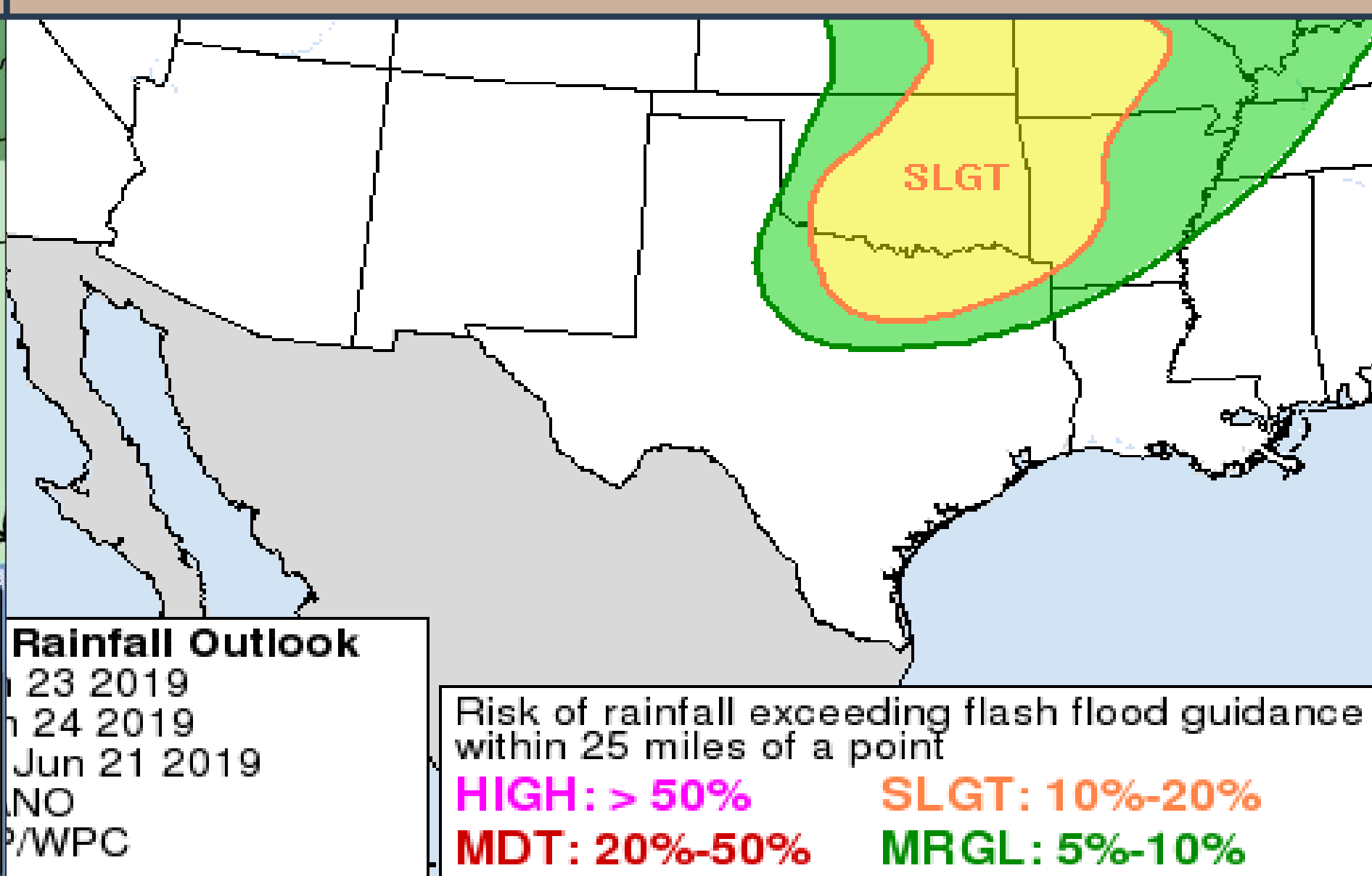
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Slight risk of severe storms across OK, W AR and NTX; storms will be ongoing in the morning and likely continue throughout the day. Damaging winds, large hail, and an isolated tornado all possible.

Severe Weather Outlook



Excessive Rainfall Outlook



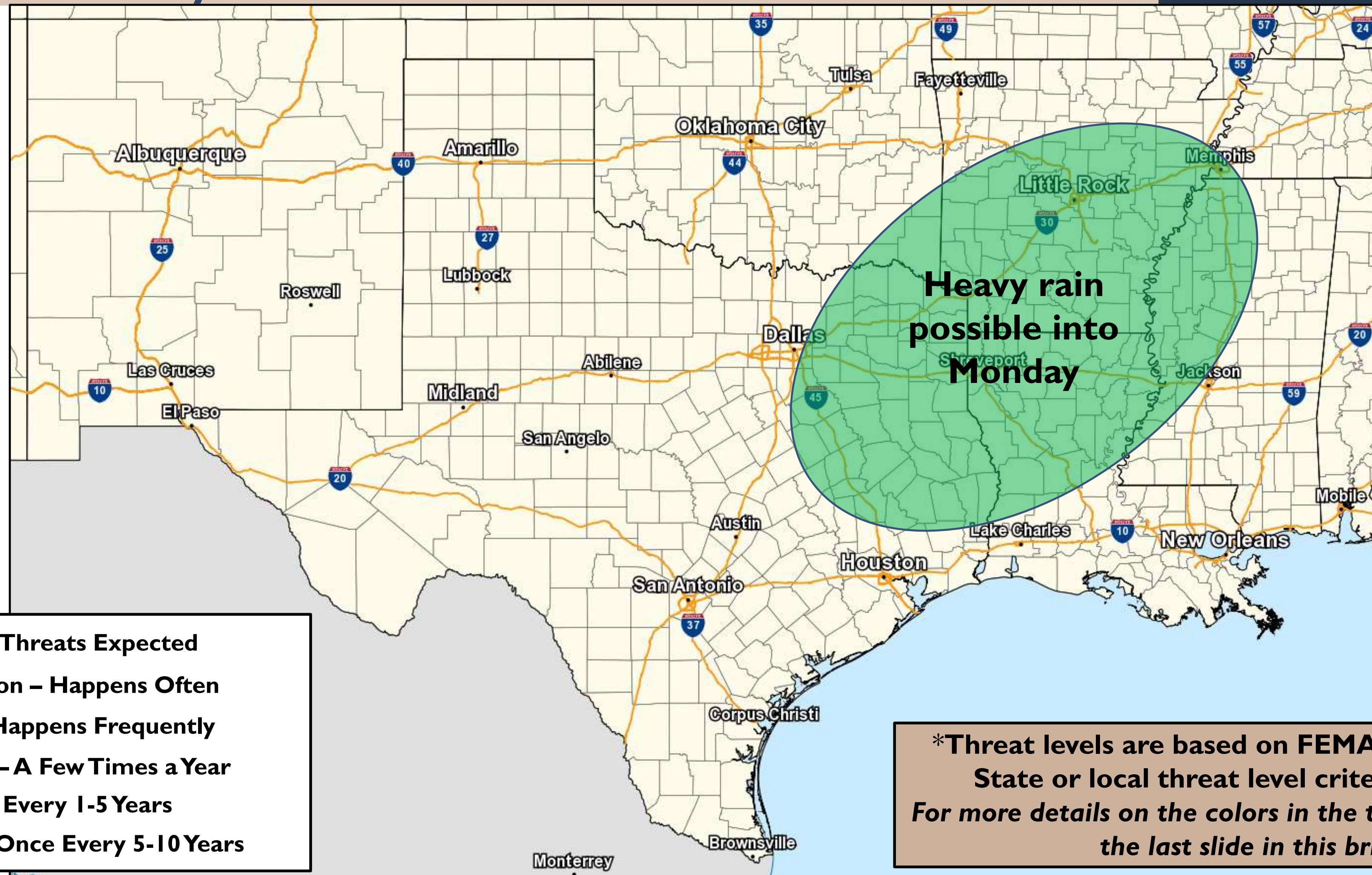
Heavy rainfall/flooding possible across OK, NTX and W AR.

Days 4-5 Weather Hazards

Monday – Tuesday



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| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

***Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.***
*For more details on the colors in the threat matrix refer to
the last slide in this briefing.*

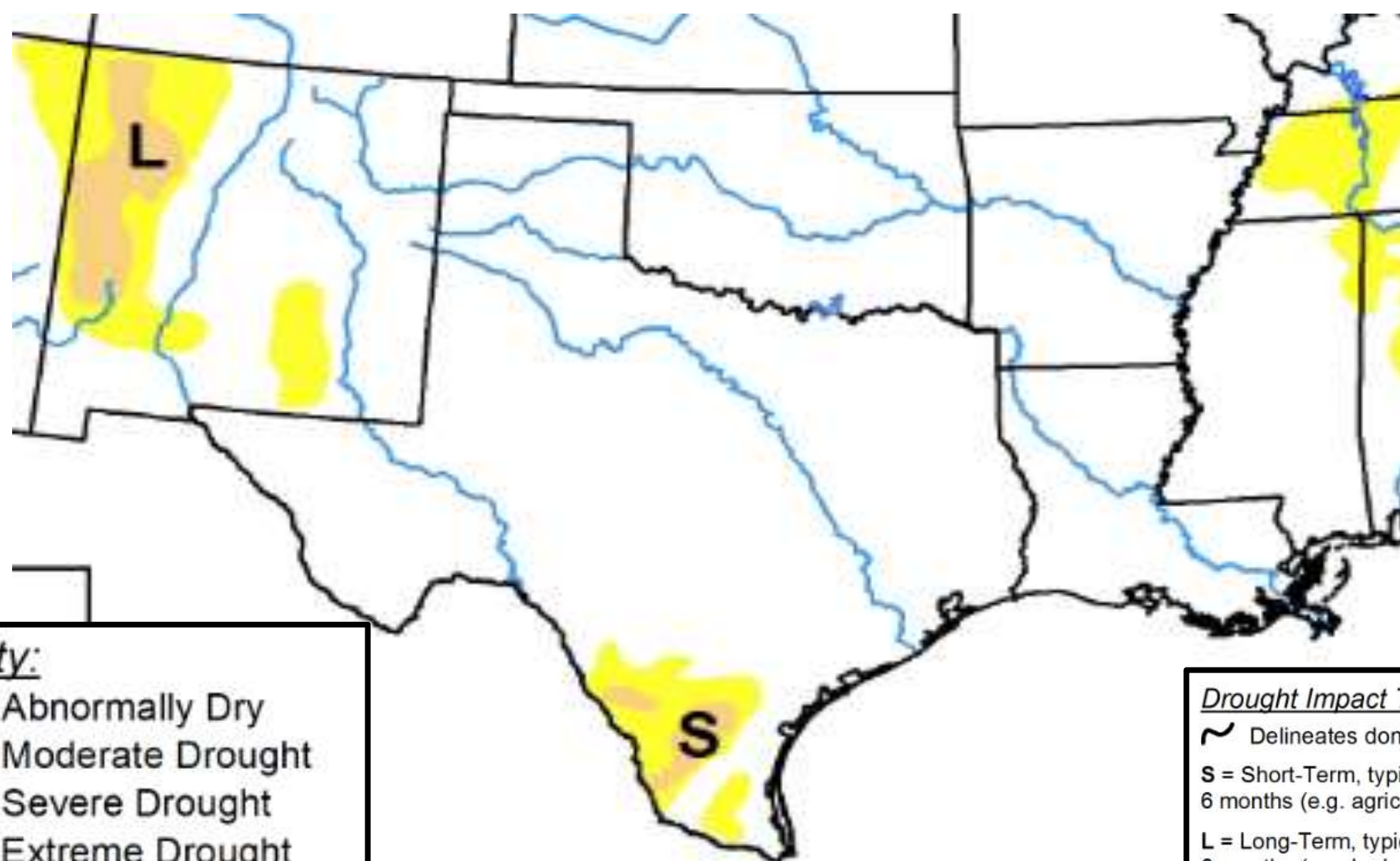
Drought Monitor (Released June 20, 2019)



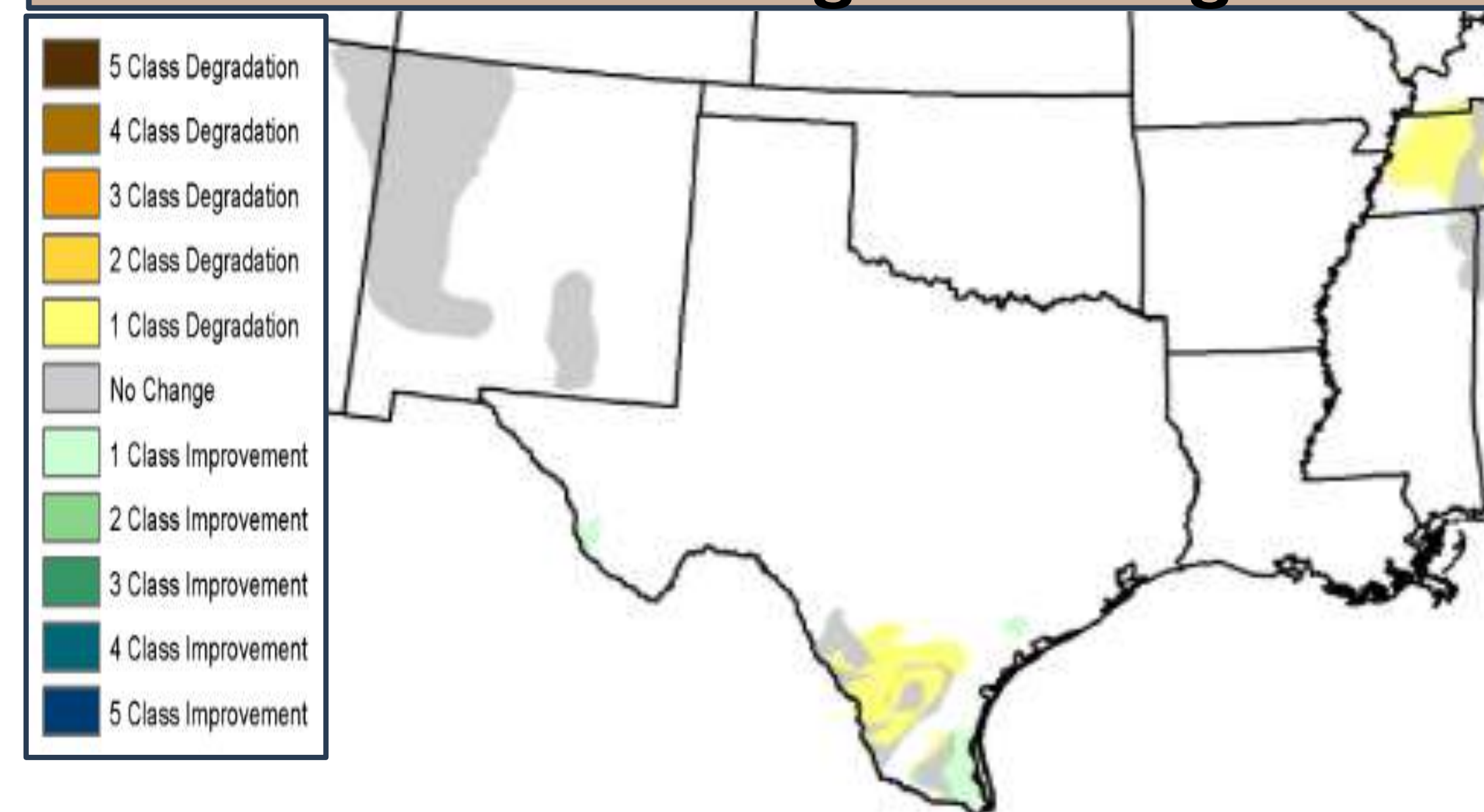
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Data valid as of 7am EST, Tuesday, June 18, 2019

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

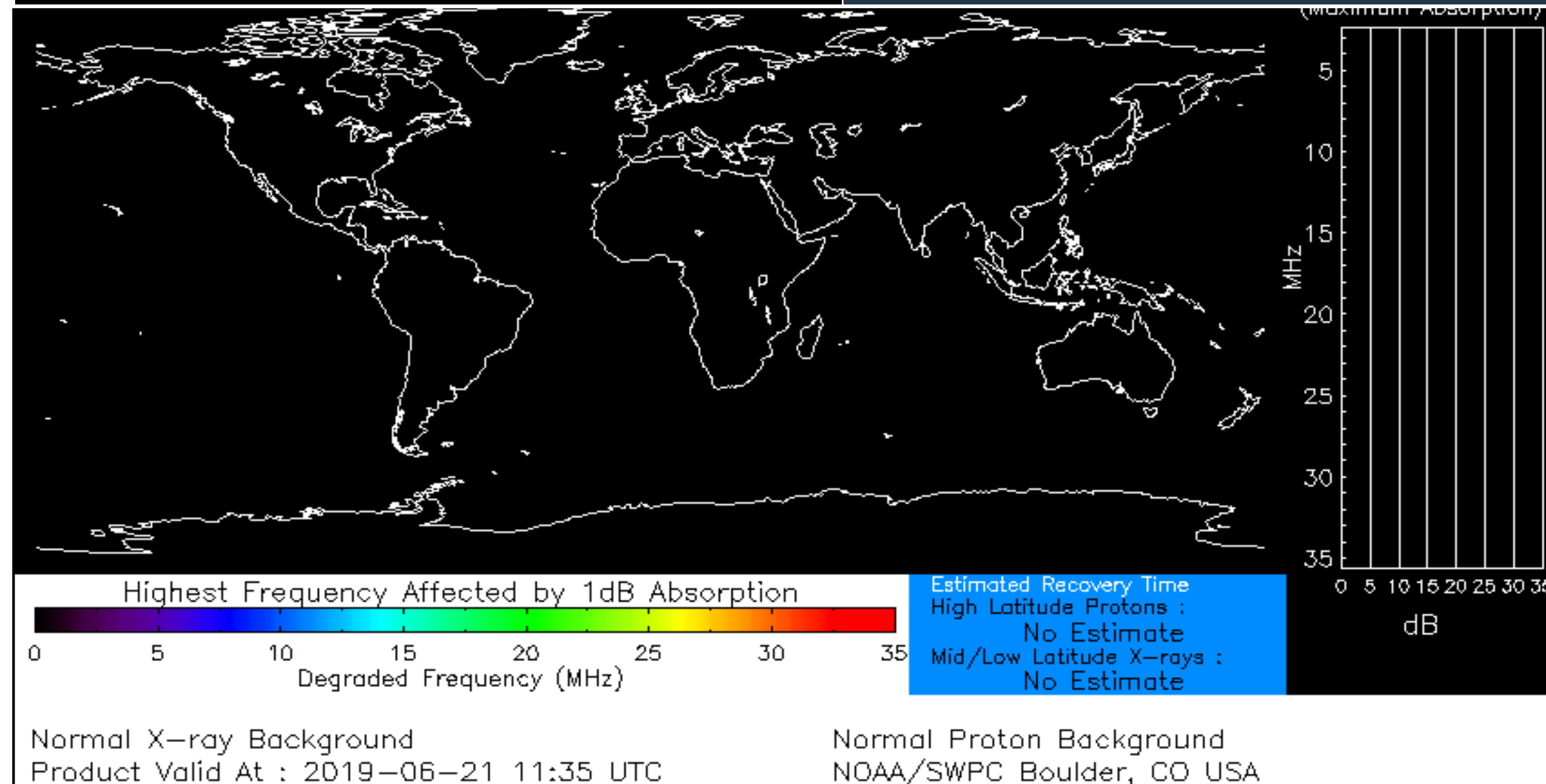
| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Arkansas | 0.00% | 0.00% | 0.00% | 0.00% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |
| New Mexico | 0.00% | 0.00% | 8.10% | 60.89% |
| Oklahoma | 0.00% | 0.00% | 0.00% | 14.56% |
| Texas | 0.00% | 0.00% | 0.00% | 3.78% |

Space Weather 3-Day Forecast



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| | Friday | Saturday | Sunday |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov